

FIG. 1

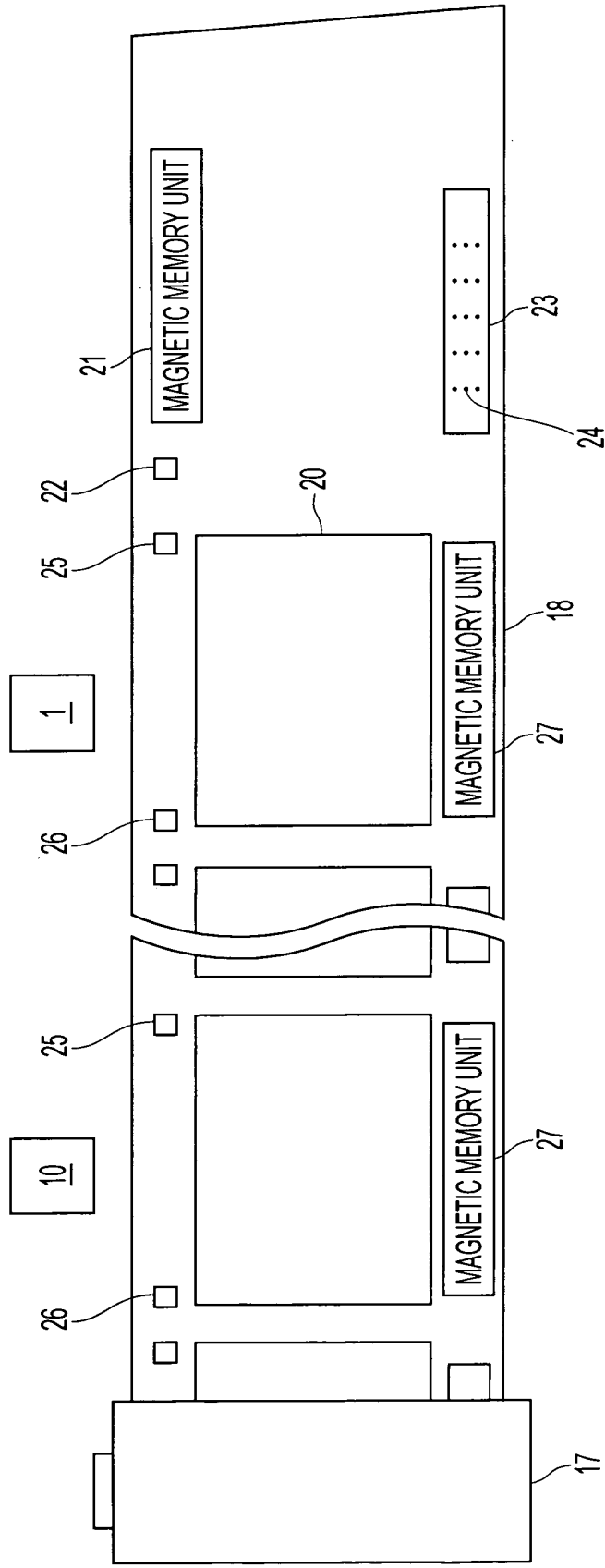
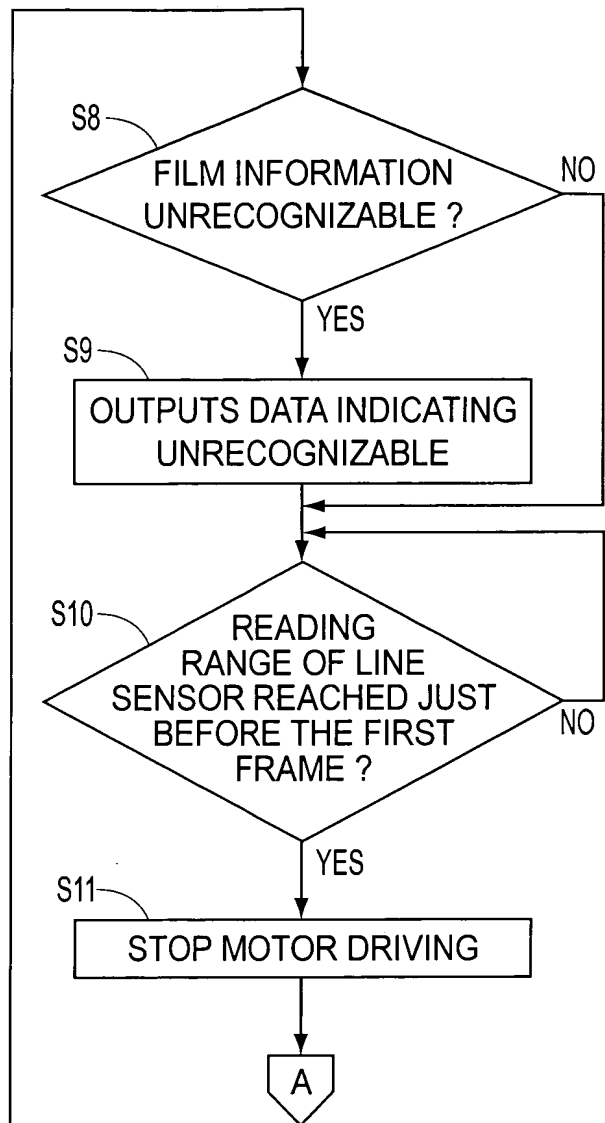
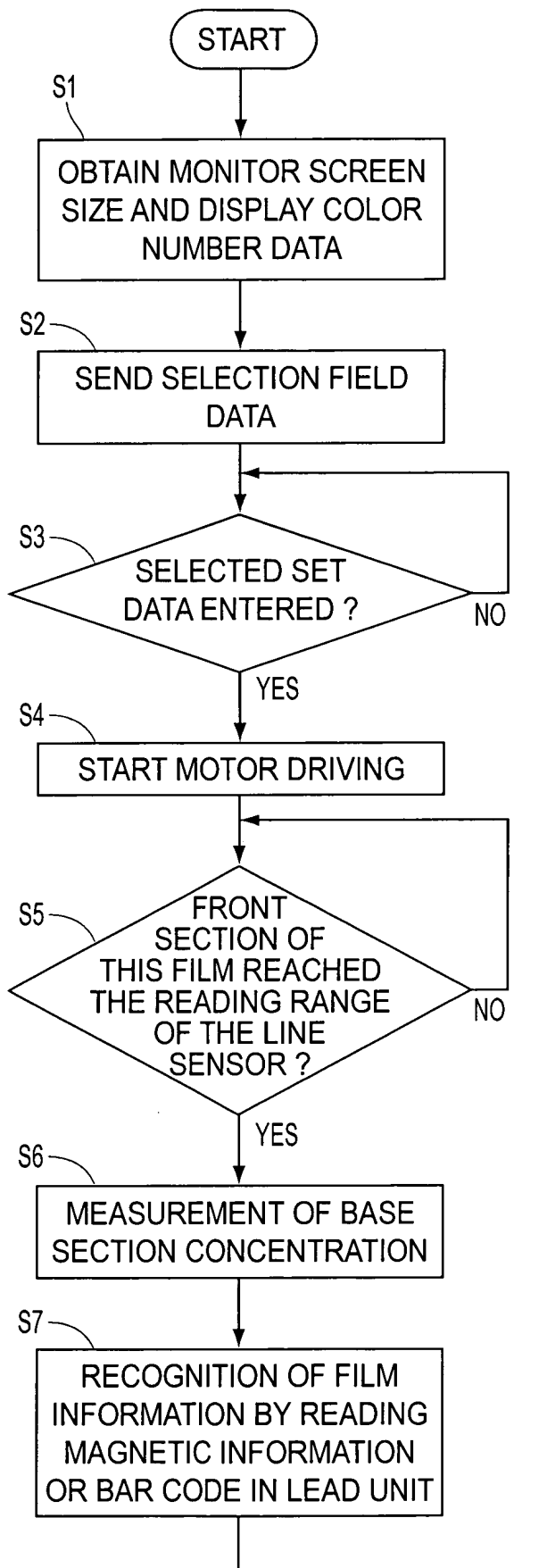


FIG. 2



**FIG. 3**

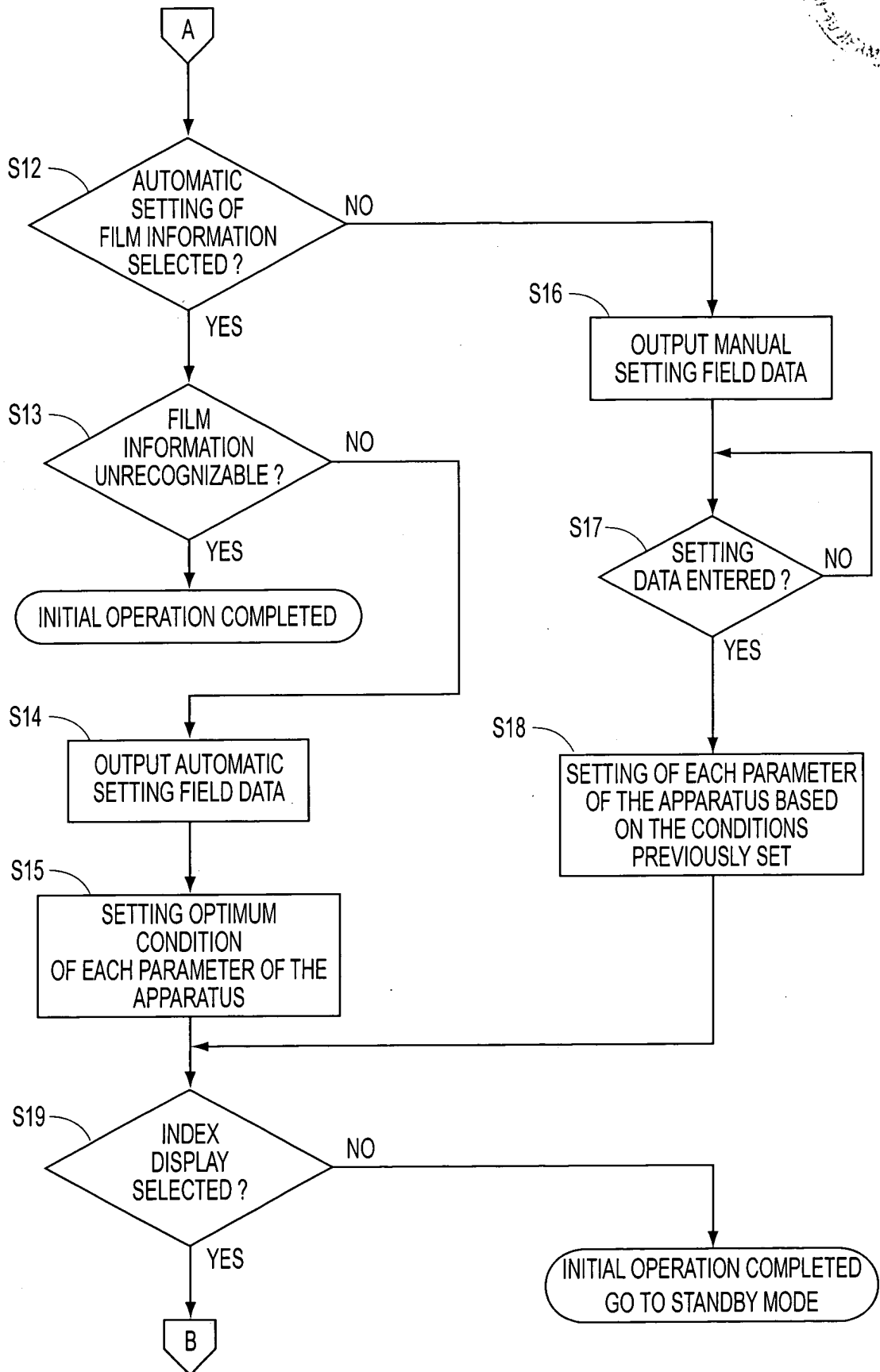



FIG. 4



◦ FILM INFORMATION

◦ AUTOMATIC SETTING

◦ MANUAL SETTING

◦ INDEX DISPLAY

DISPLAY CONTENT ►

OK

CANCEL

**FIG. 5 (a)**

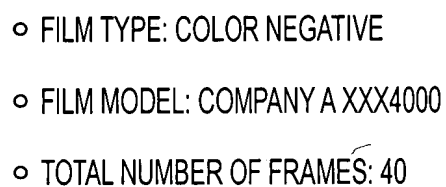
◦ FILM INFORMATION IS UNRECOGNIZABLE

◦ ENABLE MANUAL SETTINGS ?

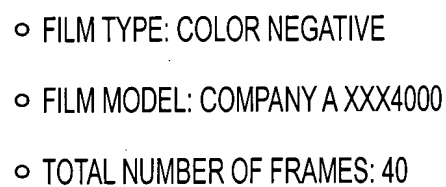
YES

NO

**FIG. 5 (b)**



**FIG. 6**



**OK**

CANCEL

**FIG. 7**

**DEPARTMENT OF THE ARMY**

- ☐ MAGNETIC INFORMATION ONLY DISPLAY
- ☐ IMAGE ONLY DISPLAY

# 1. COMMON CHOICE

1 - 1 FRAME(S) TO BE DISPLAYED

- ☐ ALL THE FRAMES
- ☐ ALL THE FRAMES THAT ARE SHOT
- ☐ H SIZE ONLY
- ☐ C SIZE ONLY
- ☐ P SIZE ONLY
- ☐ HORIZONTAL POSITION ONLY
- ☐ VERTICAL POSITION ONLY
- ☐ SELECTION FRAME (SELECTS FROM FRAME TABLE)

FRAME TABLE									
1	2	3	4	5	6	7	8	9	10
11	12	13	14	15	16	17	18	19	20
21	22	23	24	25	26	27	28	29	30
31	32	33	34	35	36	37	38	39	40

FRAMES SELECTED

1, 2, 3, 4, 5, 6, 7, .....

1 - 2 ORDER OF DISPLAY

- ☐ FROM THE FIRST TO THE LAST FRAME IN ORDER
- ☐ FROM THE LAST TO THE FIRST FRAME IN REVERSE ORDER
- ☐ IN THE ORDER OF SELECTION FROM THE FRAME TABLE
- ☐ IN THE ORDER OF PRINT SIZE

1.  2.  3.

- ☐ IN THE ORDER OF TITLE

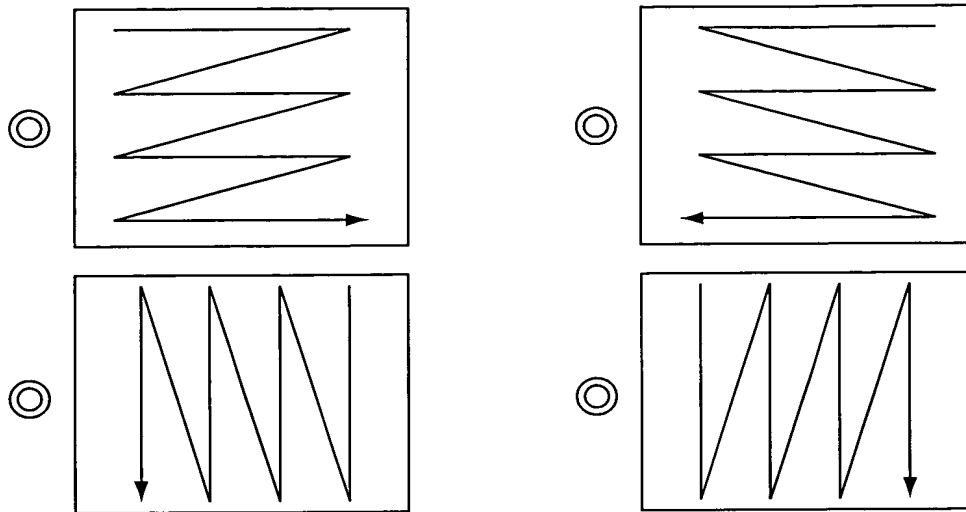
1 - 3 VERTICAL TO HORIZONTAL RATIO OF DISPLAY

VERTICAL  FRAMES

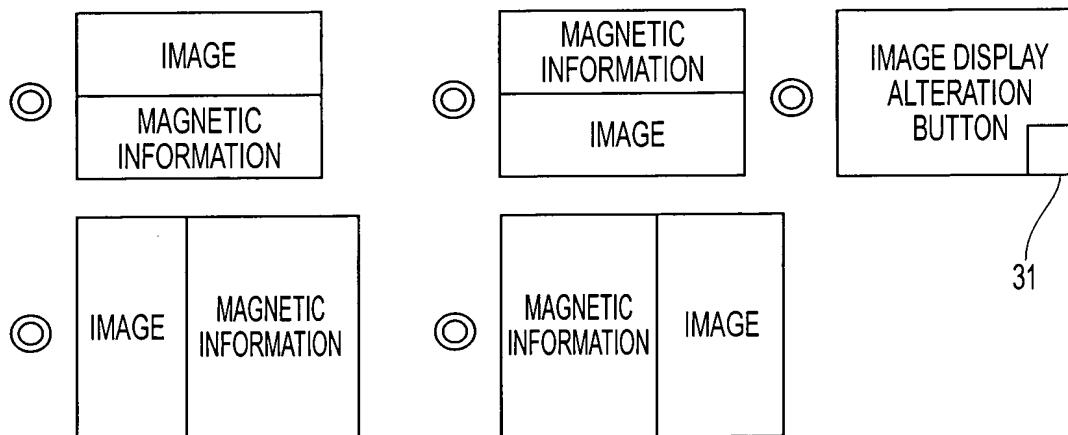
HORIZONTAL  FRAMES

FIG. 8

1 - 4 METHOD OF DISPLAY



1 - 5 METHOD OF SIMULTANEOUS DISPLAY OF MAGNETIC INFORMATION AND IMAGE



1 - 6 HIGH SPEED DISPLAY: FRAMES

**FIG. 9**



2. DESIGNATED FRAME MAGNETIC INFORMATION

2 - 1 DISPLAY INFORMATION

☐ DISPLAY ALL

☒ SELECT AND DISPLAY 

3. DESIGNATED FRAME IMAGE

3 - 1 DISPLAY RANGE

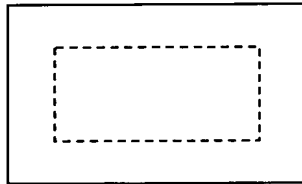
☐ ALL RANGE

☐ DESIGNATED PRINT SIZE

☐ H SIZE

☐ C SIZE

☐ P SIZE



X1 :  PIXEL

Y1 :  PIXEL

X2 :  PIXEL

Y2 :  PIXEL

3 - 2 RESOLUTION OF ONE FRAME:  DPI

3 - 3 READING METHOD

☐ HIGH SPEED READING

☐ HIGH QUALITY READING

3 - 4 COLOR DECOMPOSITION

☐ RGB DECOMPOSITION DISPLAY

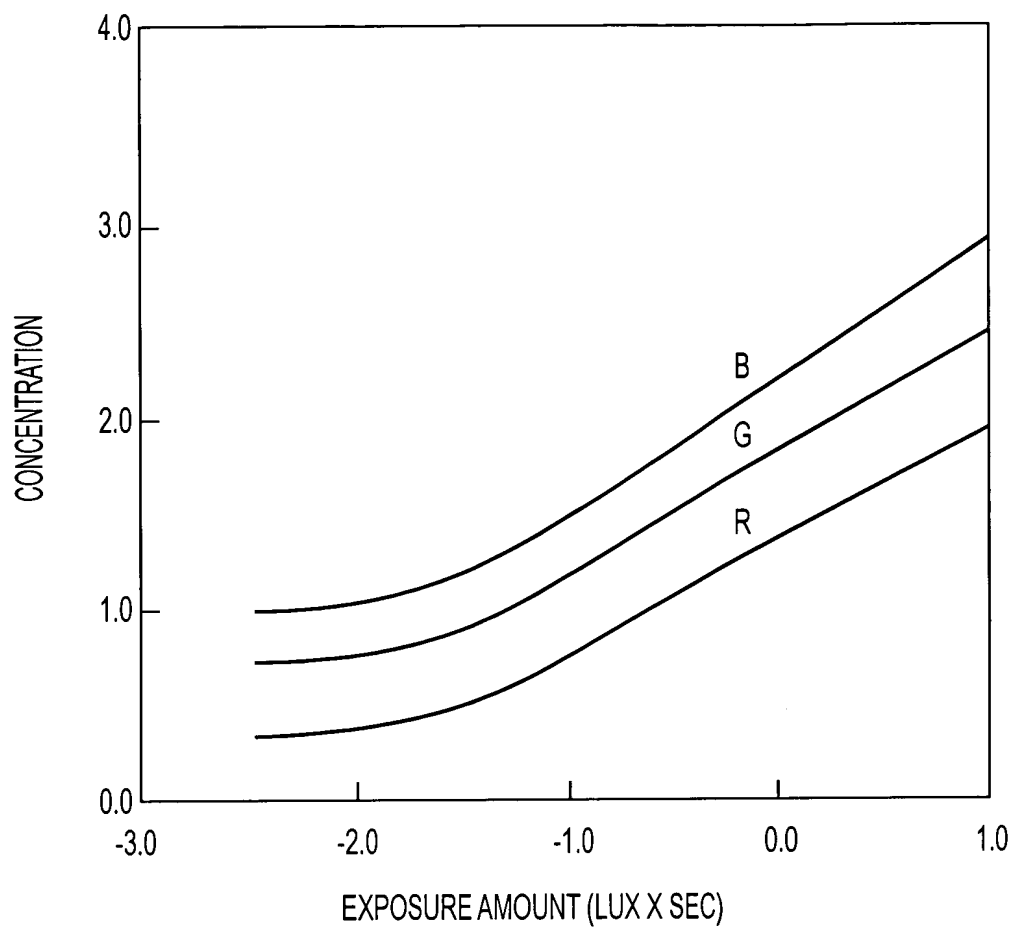
☐ CMY DECOMPOSITION DISPLAY

OK

CANCEL

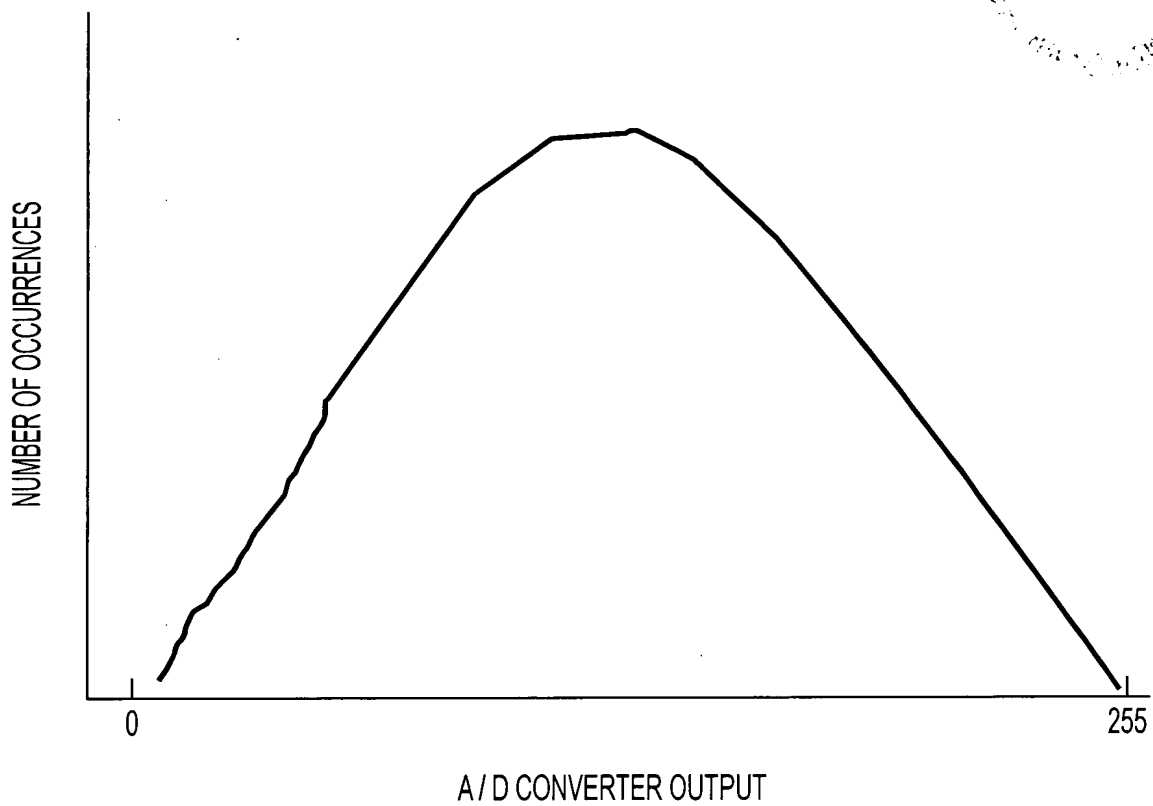
INITIAL  
SETTING

FIG. 10



**FIG. 11**

2025 RELEASE UNDER E.O. 14176



**FIG. 12**



**FIG. 13**

WASH STATE

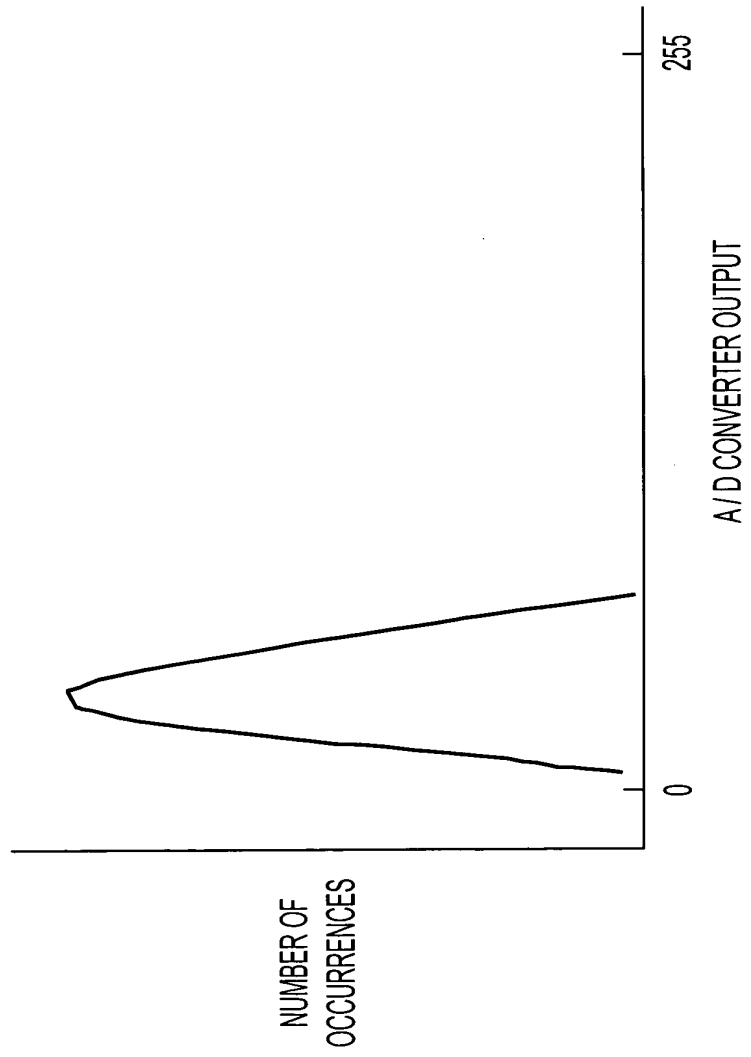
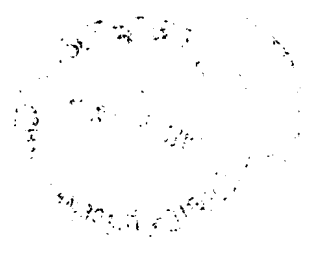


FIG. 14



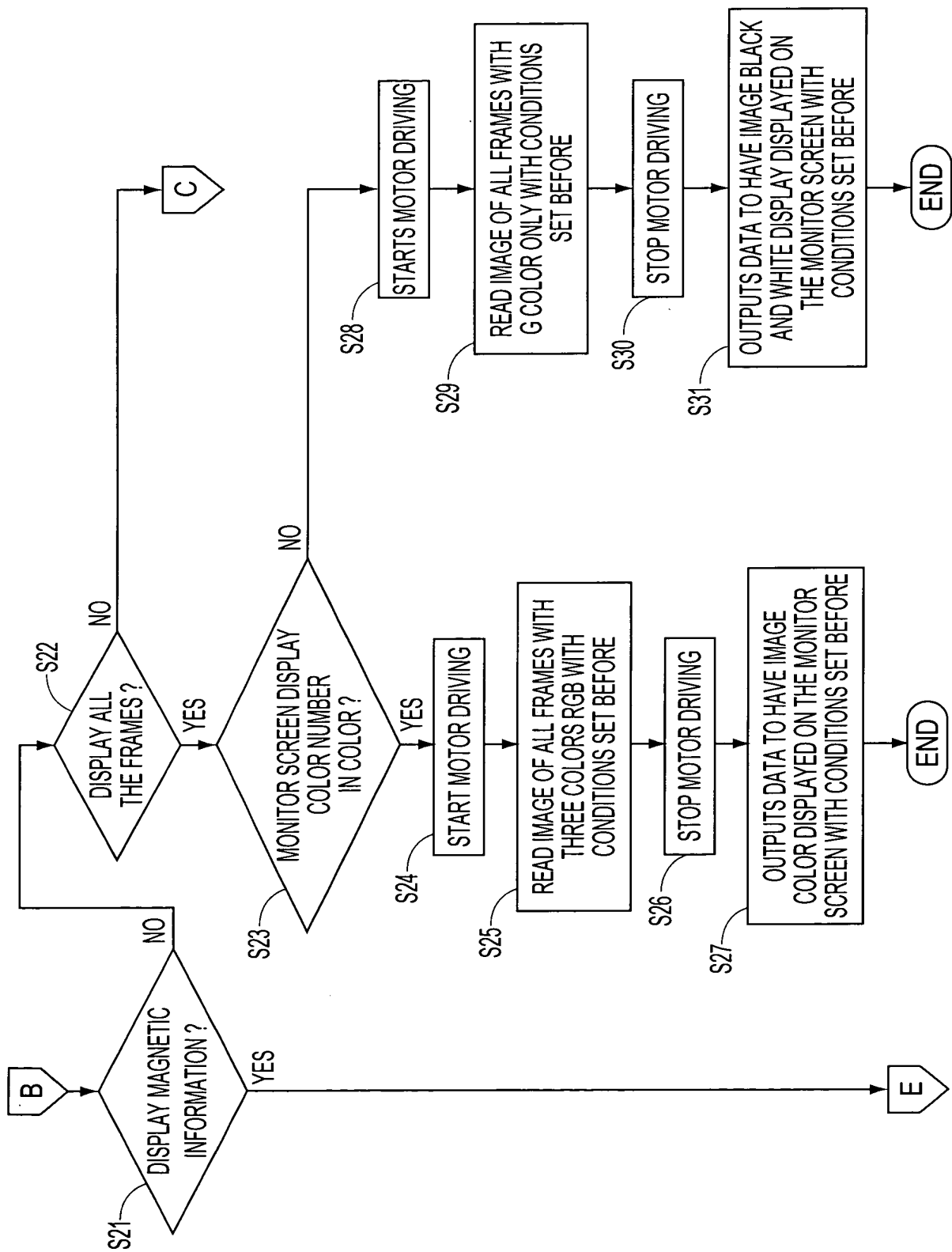


FIG. 15

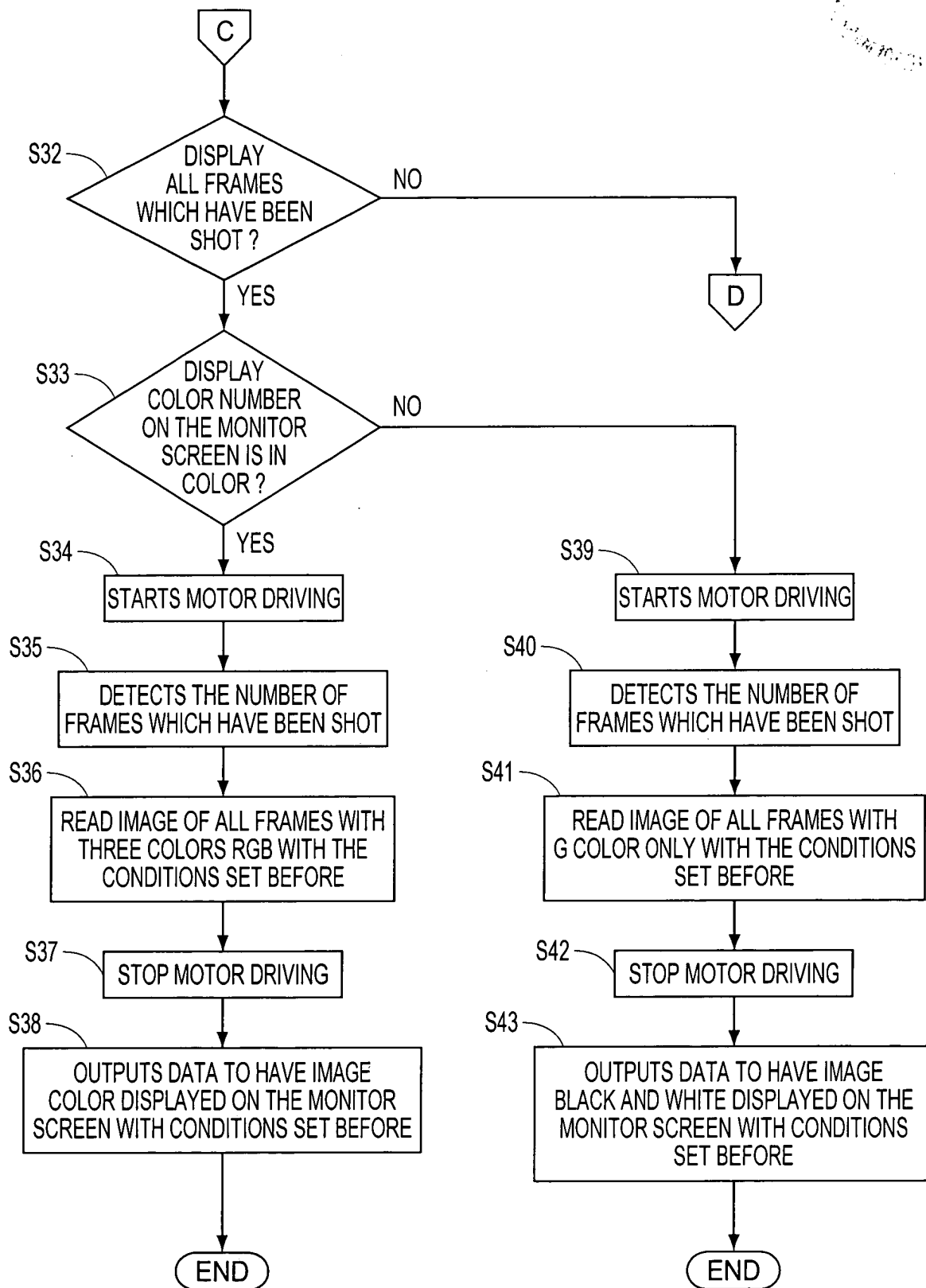


FIG. 16

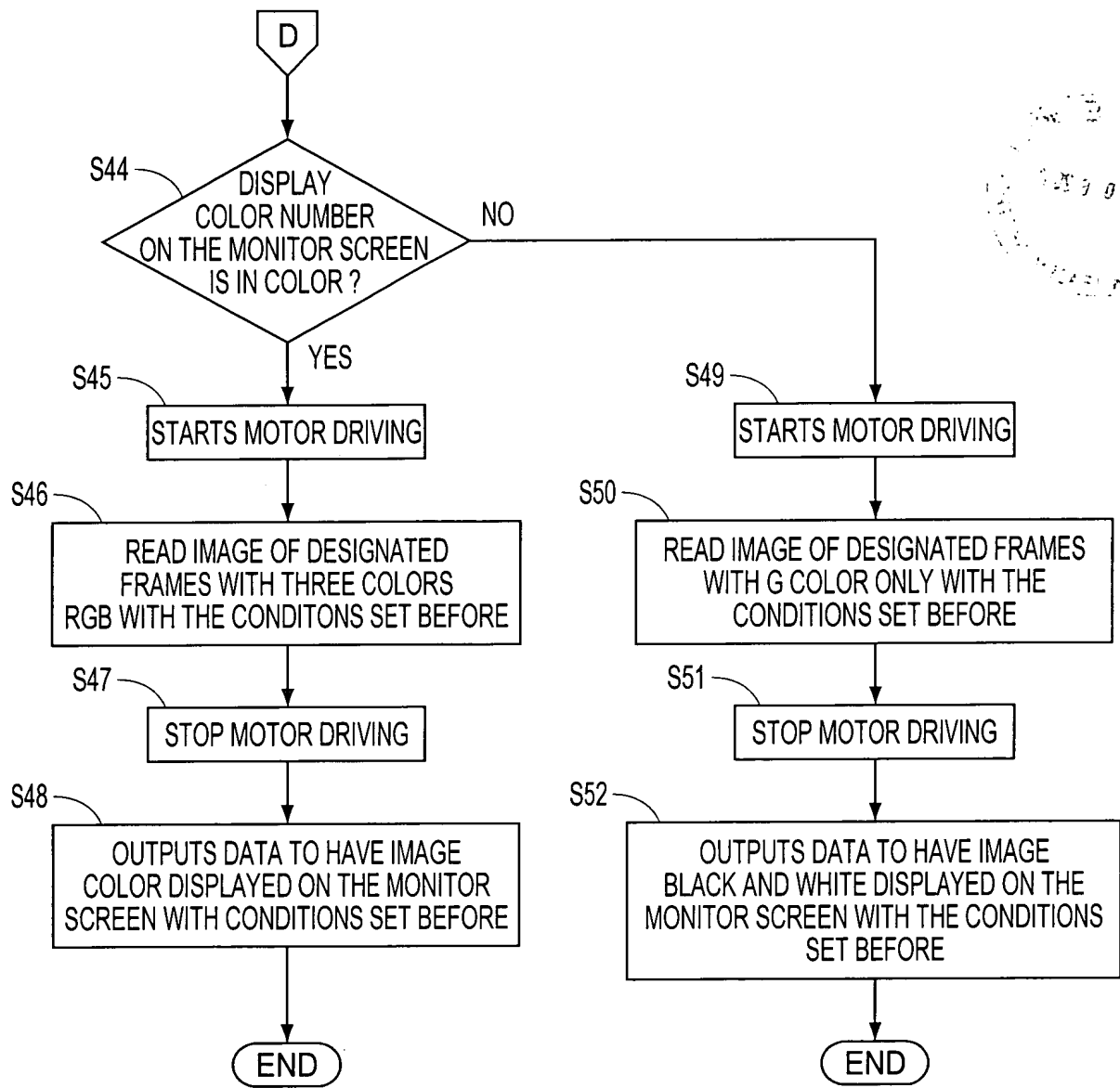
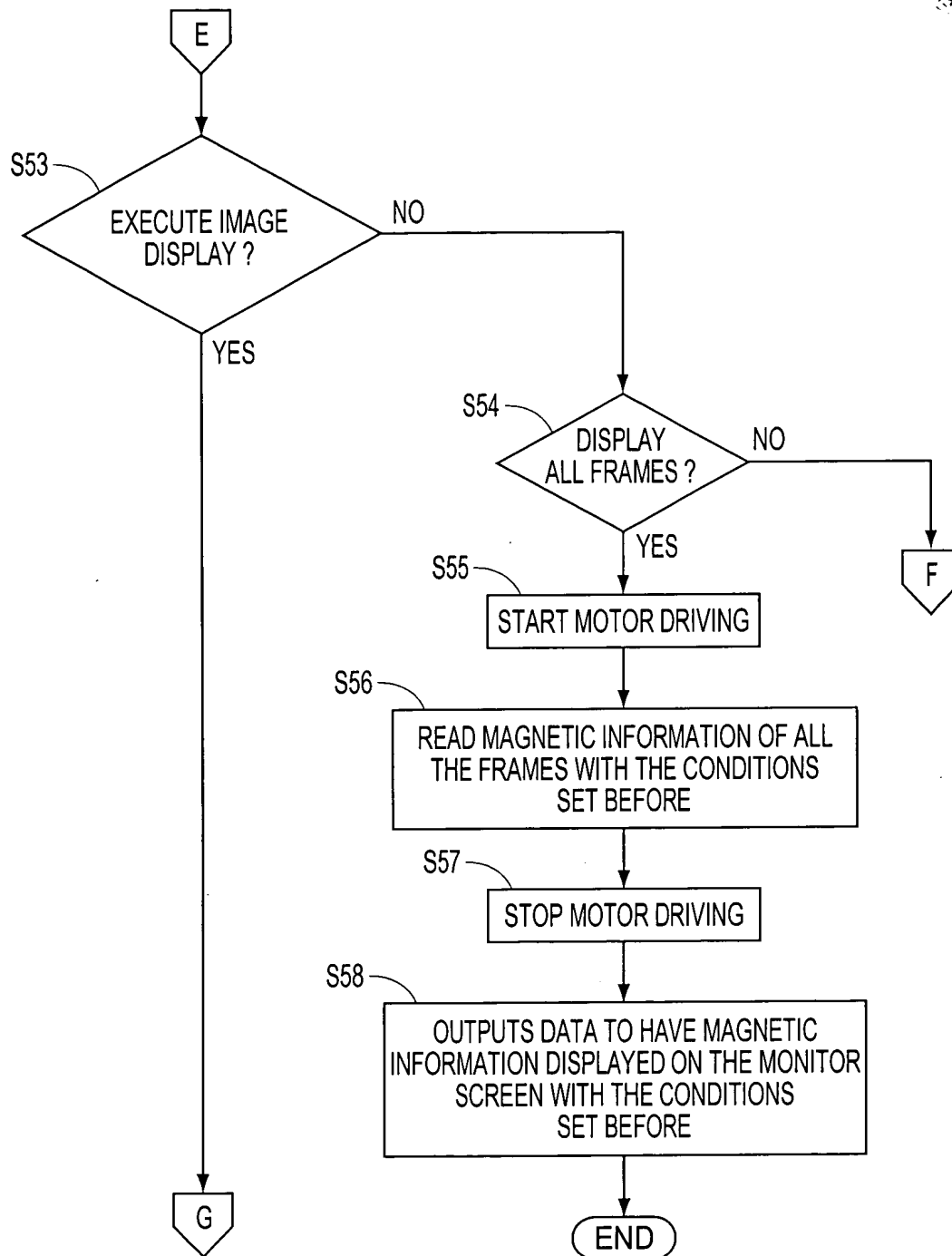


FIG. 17





**FIG. 18**

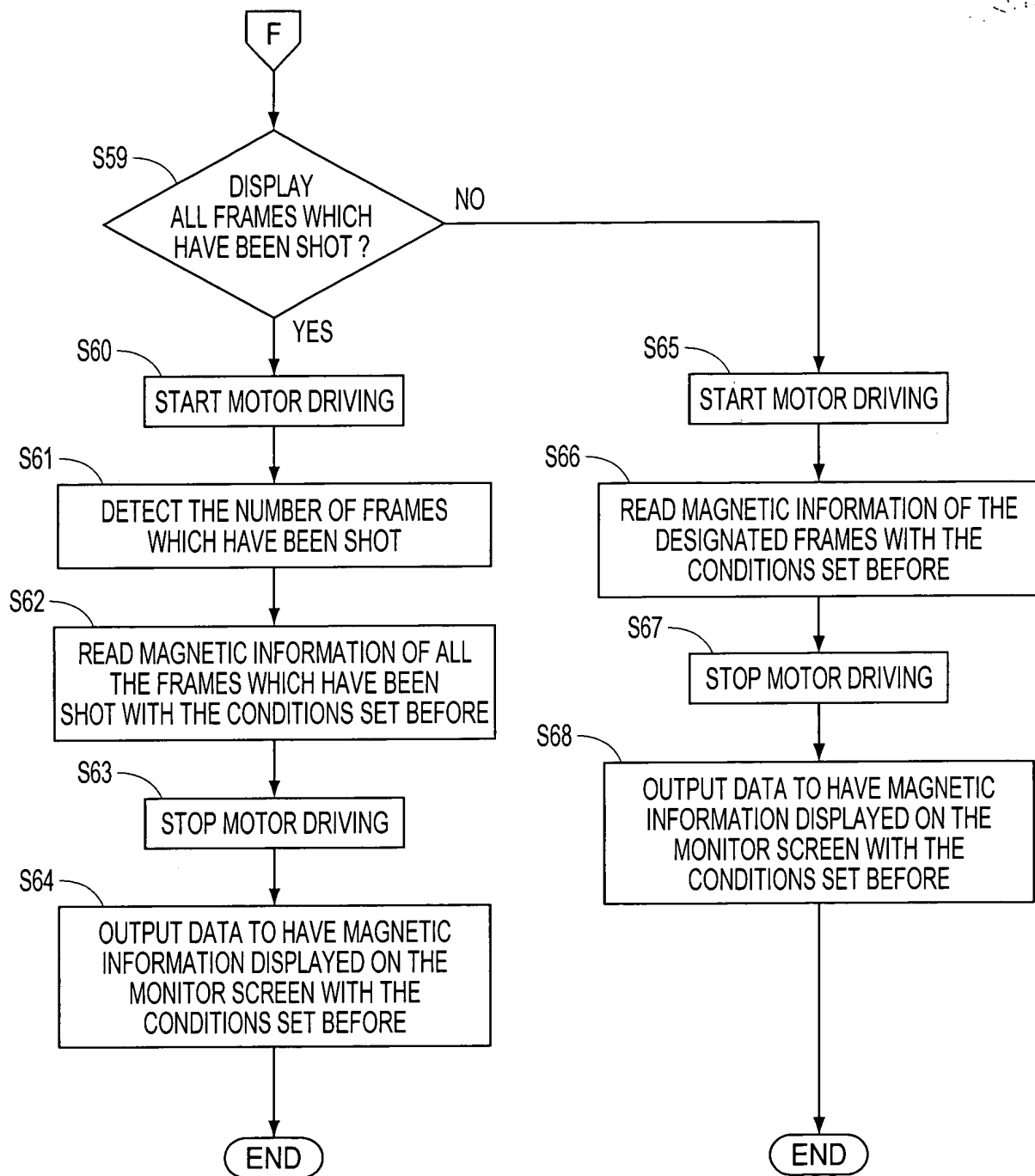


FIG. 19

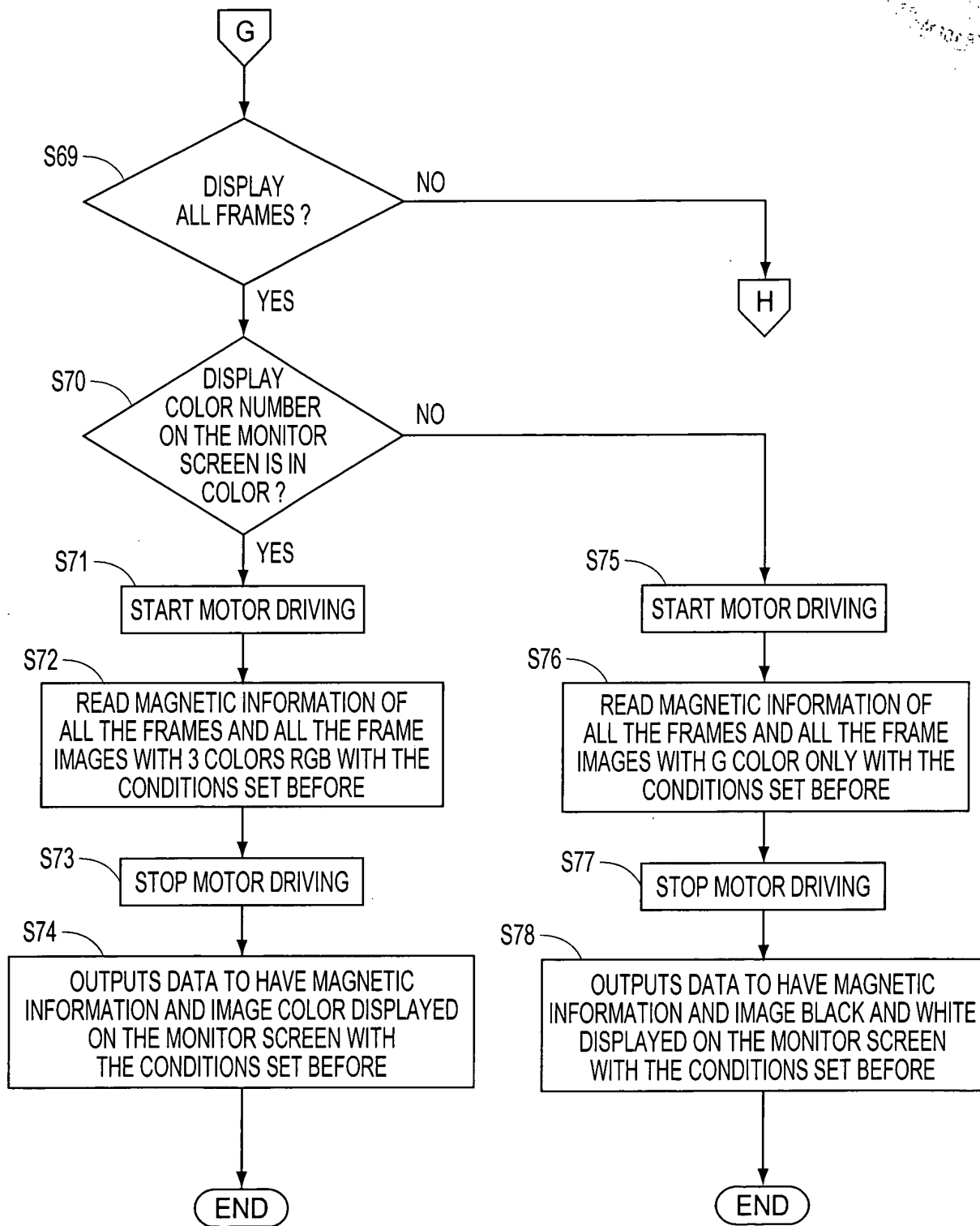


FIG. 20

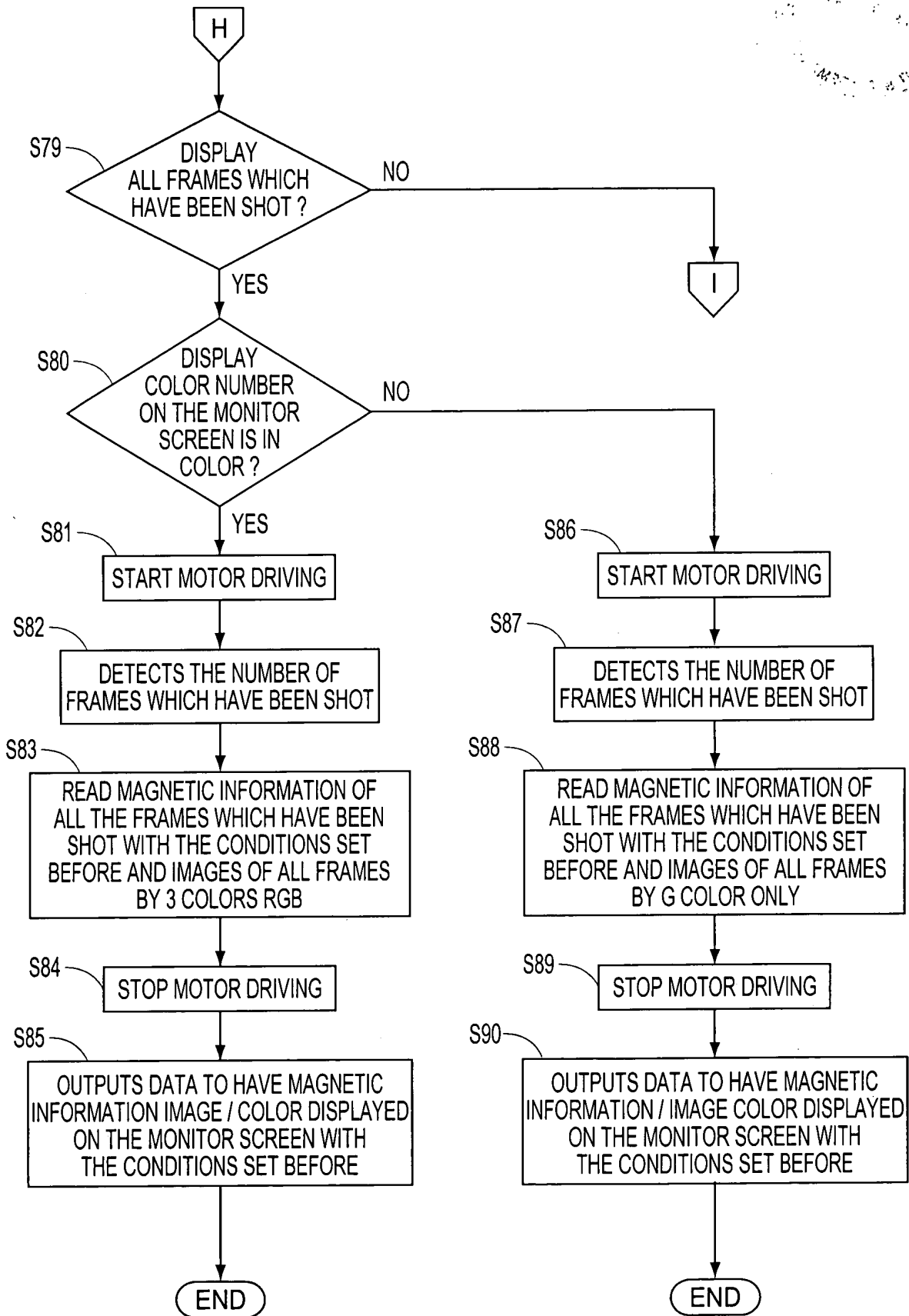


FIG. 21

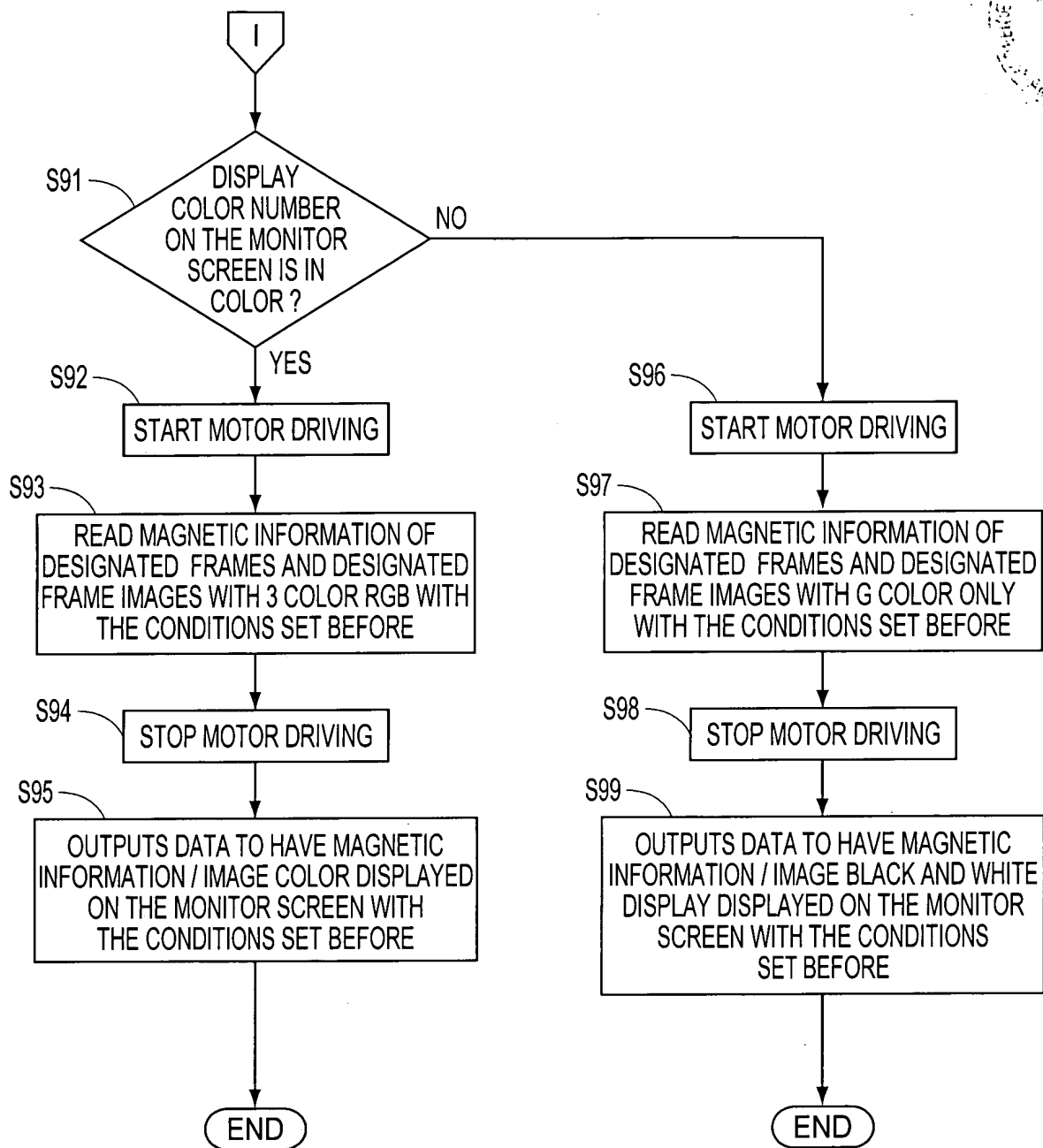
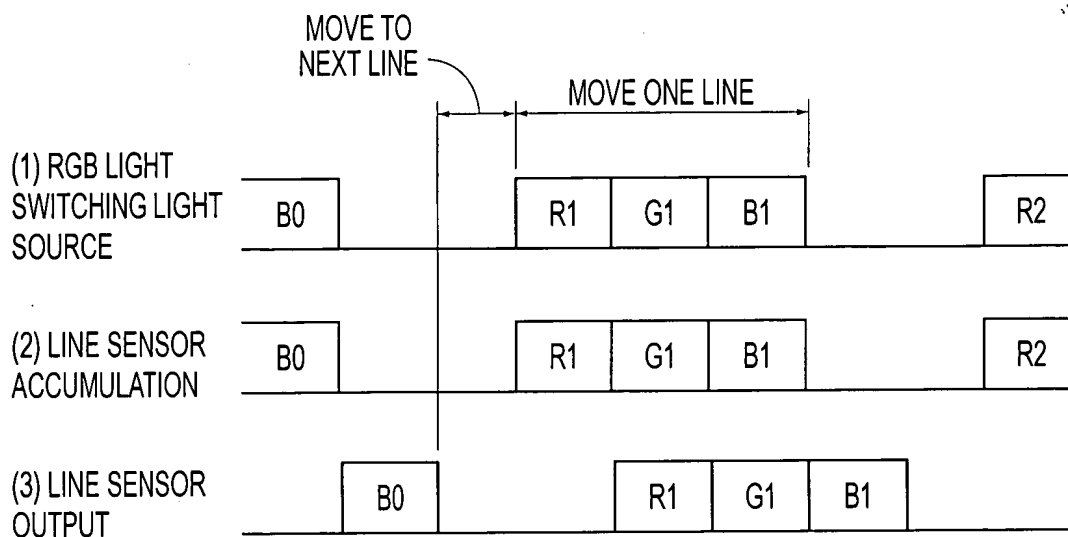
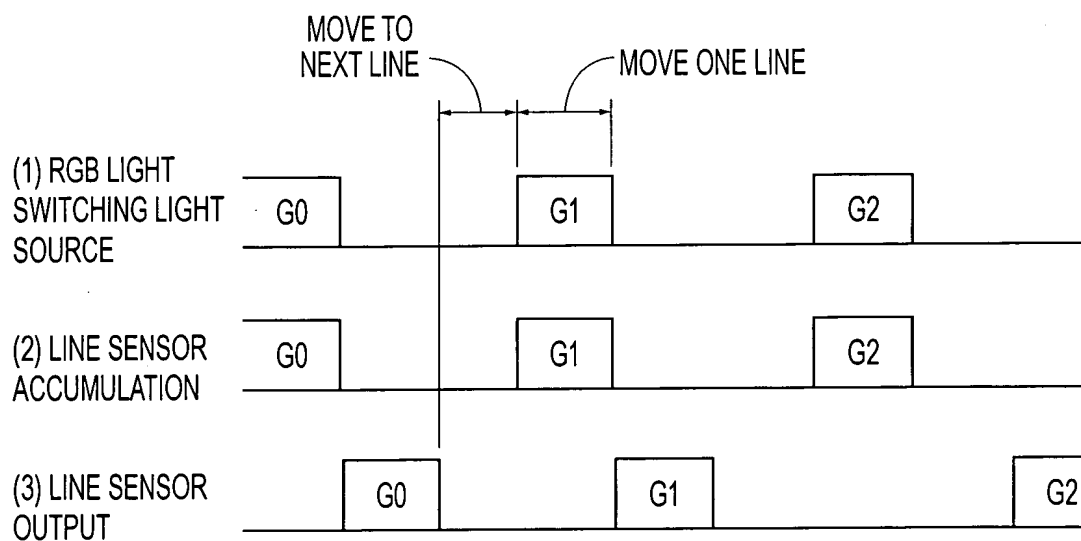


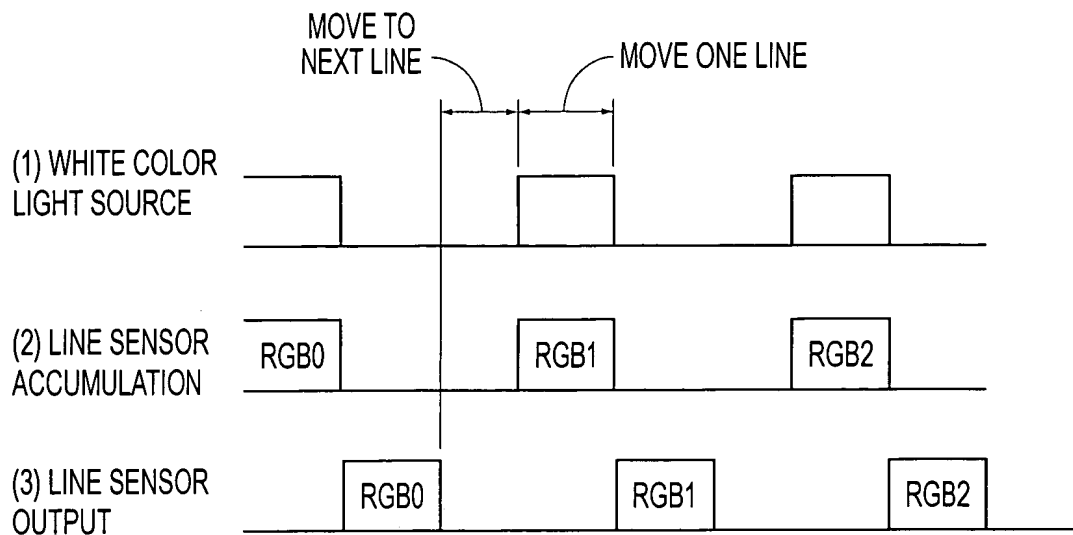
FIG. 22



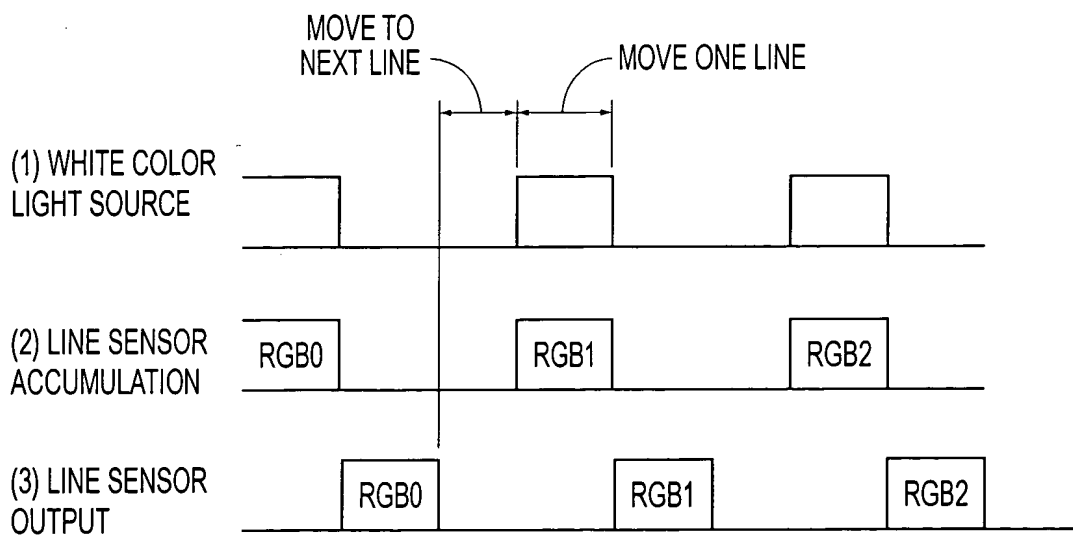
**FIG. 23 (a)**



**FIG. 23 (b)**



**FIG. 24 (a)**



**FIG. 24 (b)**

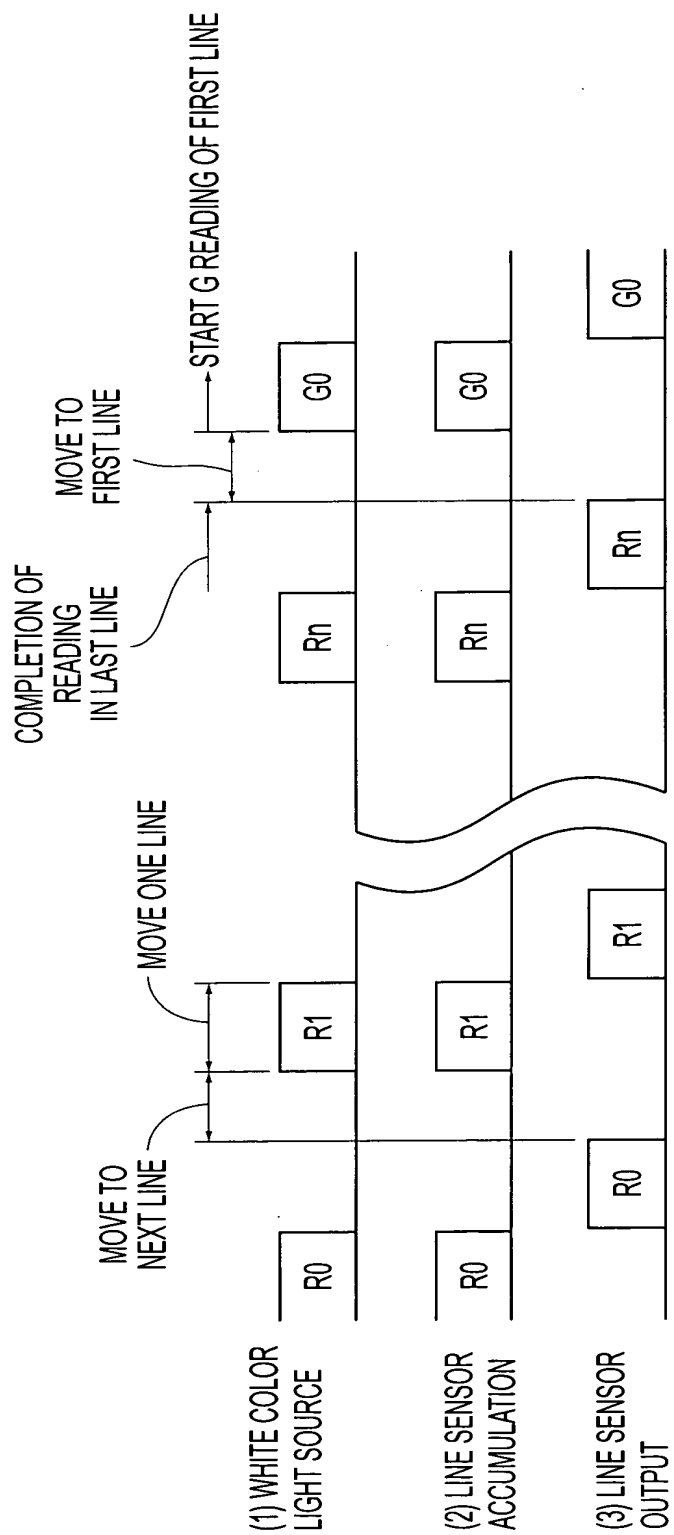
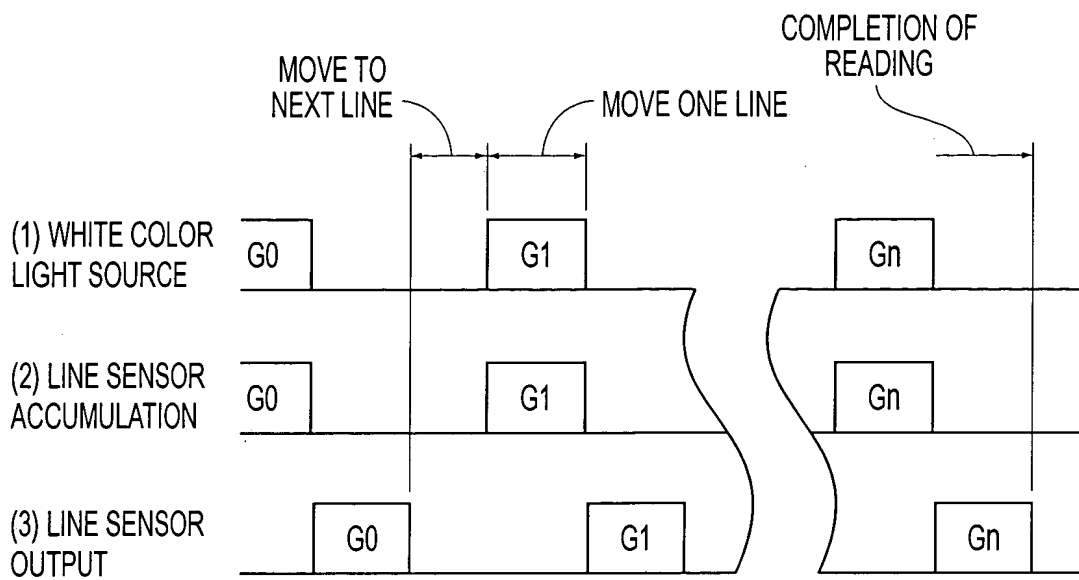
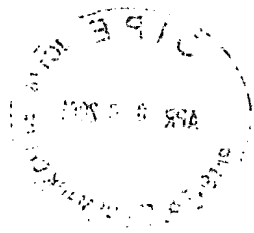


FIG. 25







**FIG. 26**

1  
IMAGE

2  
IMAGE

3  
IMAGE

4  
IMAGE

5  
IMAGE

6  
IMAGE

7  
IMAGE

8  
IMAGE

9  
IMAGE

10  
IMAGE

...

31  
IMAGE

32  
IMAGE

33  
IMAGE

34  
IMAGE

35  
IMAGE

36  
IMAGE

37  
IMAGE

38  
IMAGE

39  
IMAGE

40  
IMAGE

FRAME TO BE SCANNED

1, 3, 5, ....

SCAN OPERATION

SCAN

CANCEL

**FIG. 27**

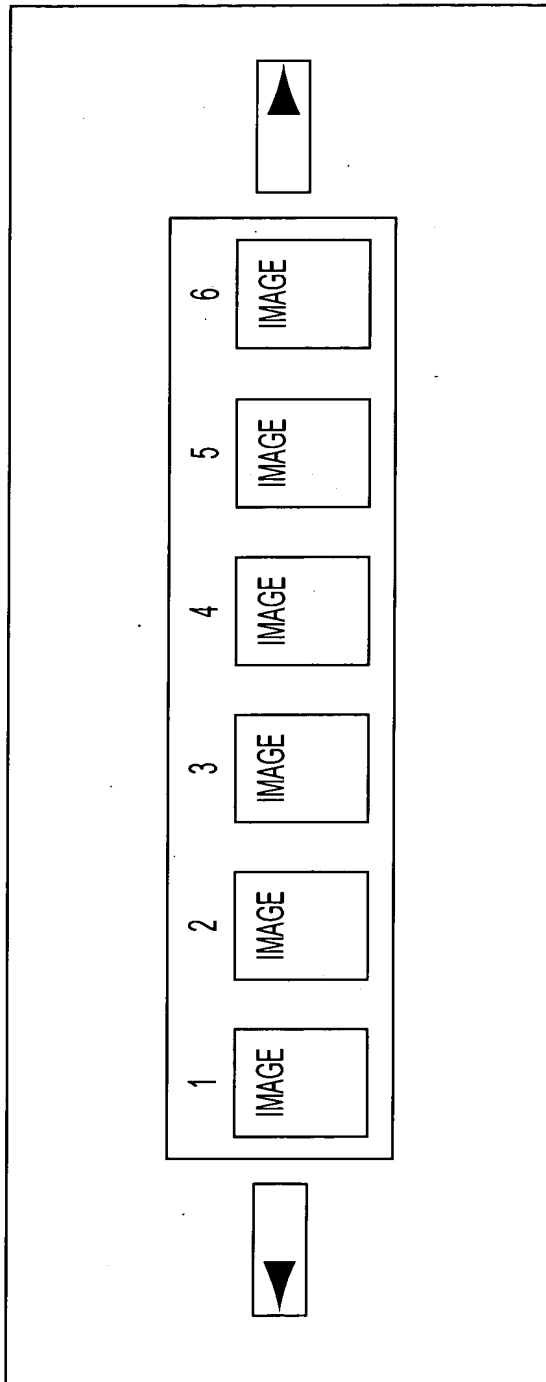


FIG. 28

SECRET

1	2	3	4	5
MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION
6	7	8	9	10
MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION
⋮				
31	32	33	34	35
MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION
36	37	38	39	40
MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION	MAGNETIC INFORMATION

FRAME TO BE SCANNED

1, 3, 5, ...

SCAN OPERATION

SCAN

CANCEL

MAGNETIC INFORMATION ALTERATION

KEEP

CANCEL

**FIG. 29**

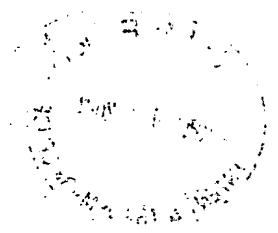
TITLE: ATHLETIC FIELD DAM  
DATE SHOT: OCTOBER 10, 1996  
SHOOTING CONDITION: STROBE ON

EXPOSURE APPROPRIATE  
REVERSED LIGHT  
LIGHT SOURCE: FLUORESCENT LAMP

FIG. 30

100-443887-100

Approved for Release 2001/06/04 : CIA-RDP80-01060A000100010001-6



1	2	3	4	5
I	I	I	I	I
MI	MI	MI	MI	MI

⋮

36	37	38	39	40
I	I	I	I	I
MI	MI	MI	MI	MI

FRAME TO BE SCANNED

1, 3, 5, ...

SCAN OPERATION

SCAN

CANCEL

MAGNETIC INFORMATION ALTERATION

KEEP

CANCEL

**FIG. 31**



IMAGE

MAGNETIC INFORMATION

TITLE: ATHLETIC FIELD DAM

DATE SHOT: OCTOBER 10, 1996

SHOOTING CONDITION: STROBE ON

EXPOSURE APPROPRIATE

REVERSED LIGHT: REVERSED LIGHT

LIGHT SOURCE: FLOURESCENT LAMP

**FIG. 32**

MONITOR SIZE	NUMBER OF MONITOR DISPLAY PIXELS	6 FRAMES HORIZONTALLY BY 7 FRAMES VERTICALLY	7 FRAMES HORIZONTALLY BY 6 FRAMES VERTICALLY
15 INCHES	640 X 480	90 DPI	80 DPI
	800 X 600	120 DPI	100 DPI
	1024 X 768	140 DPI	120 DPI
	1152 X 864	160 DPI	140 DPI
	1280 X 1024	180 DPI	160 DPI
	1600 X 1200	200 DPI	180 DPI
17 INCHES	640 X 480	80 DPI	70 DPI
	800 X 600	100 DPI	80 DPI
	1024 X 768	120 DPI	100 DPI
	1152 X 864	140 DPI	120 DPI
	1280 X 1024	160 DPI	140 DPI
	1600 X 1200	180 DPI	160 DPI
20 INCHES	640 X 480	70 DPI	60 DPI
	800 X 600	80 DPI	70 DPI
	1024 X 768	100 DPI	80 DPI
	1152 X 864	120 DPI	100 DPI
	1280 X 1024	140 DPI	120 DPI
	1600 X 1200	160 DPI	140 DPI

FIG. 33



SUBSCANNING DIRECTION  
MAIN SCANNING DIRECTION

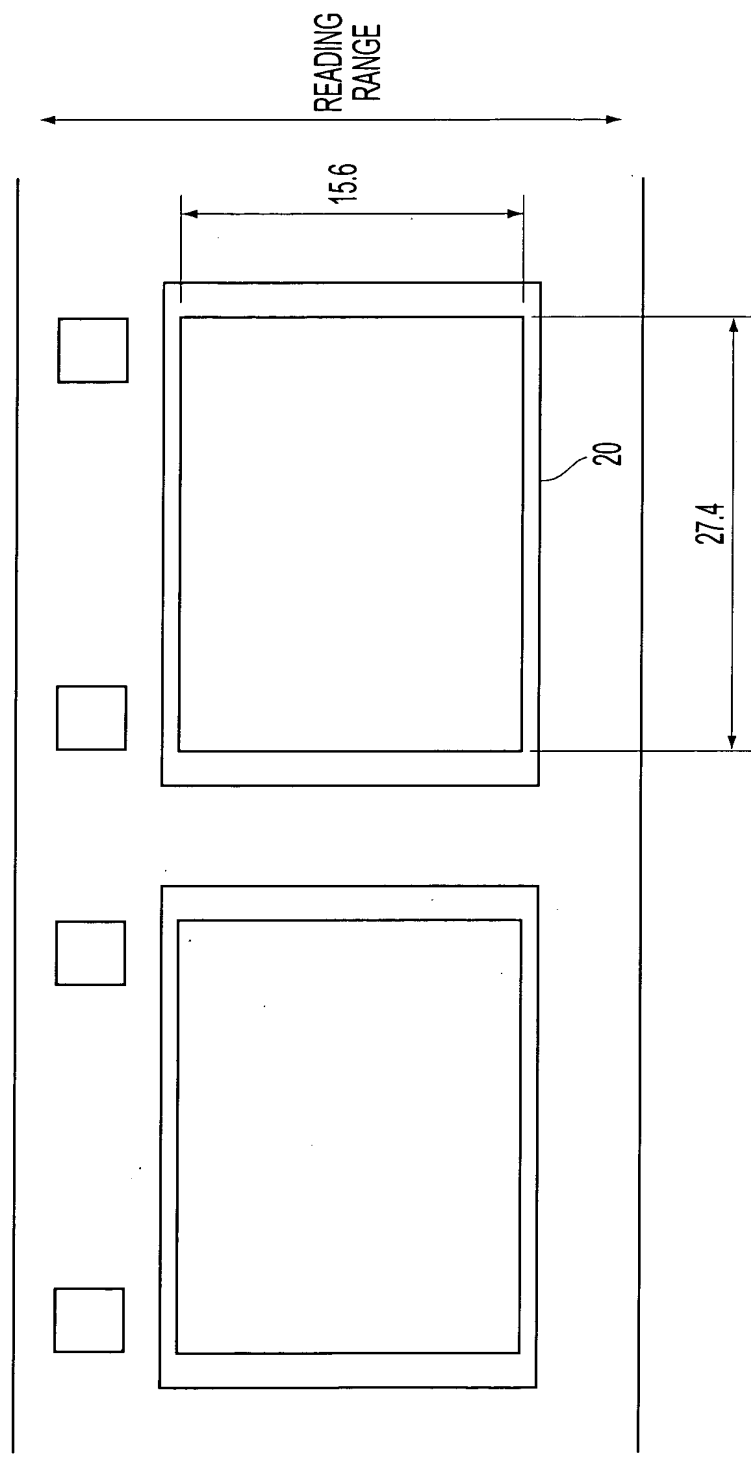


FIG. 34



### READING OPERATION

RESOLUTION	LINE SENSOR USE PIXELS	STEPPING MOTOR FEEDING AMOUNT PER LINE
4070 DPI	ALL THE PIXELS	1 STEP
2035 DPI	1 EVERY OTHER PIXEL	2 STEPS
1356 DPI	2 EVERY TWO PIXELS	3 STEPS
1018 DPI	3 EVERY THREE PIXELS	4 STEPS
814 DPI	4 EVERY FOUR PIXELS	5 STEPS
678 DPI	5 EVERY FIVE PIXELS	6 STEPS

**FIG. 35**

### INTERPOLATION METHOD

A11 A12 A13 A14  
 B11 B12 B13  
 A21 A22 A23 A24  
 B21 B22 B23  
 A31 A32 A33 A34

**FIG. 36**